**Index of Claims** 

| Application | /Control | No. |
|-------------|----------|-----|
|-------------|----------|-----|

10/065,850

Applicant(s)/Patent under Reexamination

HELLER, CHRISTIAN MARIA **ANTON** 

Examiner

Alan Diamond

1753

Art Unit

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

|          |          |        |              |  |  |          |          |              |              |          |      |        |          |          | <u></u> |          |  |  |            |            |          |   |
|----------|----------|--------|--------------|--|--|----------|----------|--------------|--------------|----------|------|--------|----------|----------|---------|----------|--|--|------------|------------|----------|---|
| Cla      | aim      | Date   |              |  |  |          |          |              | Cla          | aim      | Date |        |          |          |         | _        | _  |  |            |            |          |   |
| Final    | Original | 1/5/06 |              |  |  |          |          |              |              |          |      | Final  | Original |          |         |          |  |  |            |            |          |   |
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|          | 7        | ~      |              |  |  |          |          |              |              |          |      |        | 57       |          |         |          |  |  |            |            |          | I |
| <u></u>  | 8        | N      |              |  | L  |          |          |              |              |          |      |        | 58       |          |         |          |  |  |            |            |          |   |
|          | 9        | N      |              | L  | <u> </u>   | L        | <u> </u> | _            | $oxed{oxed}$ |          |      |        | 59       |          |         | _        | L  | <u> </u>   | L          |            | L        | L |
|          | 10       | 7      | L            | $oxed{oxed}$                                     | _  | <u> </u> | <u> </u> |              | _            | L        | Į    |        | 60       |          |         |          | L  | _  | <u> </u>   |            |          | L |
|          | 11       | N      | 匚            | $oxed{oxed}$                                     |  | <u> </u> | _        |              |              | L        |      |        | 61       |          |         | _        | ┖  |  | _          |            | L        | L |
|          | 12       |        | _            | _  |  |          | L        | _            |              | _        |      |        | 62       |          |         |          | 丄  | _  | <u> </u>   |            | _        | L |
| -        | 13       | V      | <u> </u>     | <u> </u>   | ļ  | ļ        | ╙        | ļ            | _            | _        |      |        | 63       | Щ        |         | <u> </u> | ļ.,  | ╙  | L.         | _          |          | Ļ |
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|          | 19       | V      | <u> </u>     | ┡  | _  | <u> </u> | <u> </u> | _            | -            | L        |      |        | 69       | Н        |         | ļ        | <u> </u>   | ļ  | <u> </u>   | <u> </u>   | <u> </u> | Ļ |
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|          | 22       | V      | ├            | <del> </del>                                     | ┡  | -        | ⊢        | -            | <u> </u>     |          |      |        | 72       | $\vdash$ | _       | <u> </u> | ├-   | -  | -          | _          | $\vdash$ | ╀ |
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| -        | 25       | U      | -            | ┢  | ┝  | $\vdash$ | ┝        | -            | ├—           | _        |      |        | 74<br>75 |          |         | _        | $\vdash$   | ⊢  | -          | $\vdash$   | -        | ╀ |
| -        | 26       | _      |              | ╁  | ┢  | ┢        | H        | -            |              | -        |      |        | 76       | $\vdash$ |         |          | -  | -  | -          | ⊢          | -        | ╀ |
| -        | 27       | 1      | -            | ⊢  | ⊢  | ┢        | ⊢        | -            |              | ⊢        |      |        | 77       | $\vdash$ |         |          | -  | -  | -          | -          |          | ╀ |
|          | 28       | N      | $\vdash$     | ┢  | ├  | ├        | $\vdash$ | $\vdash$     | ├            | ├        |      |        | 78       | Н        | _       | _        | H  |  | _          | -          | -        | ⊦ |
|          | 29       |        | -            | $\vdash$   | ├  | ├        | ├—       | ├─           | -            | ├        |      |        | 79       | Н        |         |          | ⊢  | -  | ├          | ├          | -        | ⊦ |
|          | 30       | 25     | ┝            | -  | ⊢  | ⊢        | -        | ┝            |              | -        |      |        | 80       |          | _       |          | ┝  | ⊢  | ⊢          | $\vdash$   | _        | H |
| -        | 31       | 2      | ┢─           | ┢  | $\vdash$   | H        | ┢        | <u> </u>     | -            | ┝        |      |        | 81       | ╌┤       |         | _        | $\vdash$   | -  | $\vdash$   | $\vdash$   |          | H |
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| $\vdash$ | 33       | 7      | $\vdash$     | $\vdash$   | ┢╾   | ┝        | ┝        | ┢            | -            |          |      |        | 83       | H        |         | -        | -  | -  | ┢          | -          | _        | H |
| $\vdash$ | 34       | 2      | <del> </del> | $\vdash$   | -  | ╁        | $\vdash$ | $\vdash$     | $\vdash$     | -        |      |        | 84       | $\vdash$ | _       | -        | $\vdash$   | -  | -          |            | _        | H |
|          | 35       | 7      | <del> </del> | $\vdash$   | <del>                                     </del> | $\vdash$ |          | ┢            | H            | H        |      |        | 85       | $\vdash$ |         | -        | -  | ┢  | $\vdash$   | Н          | $\vdash$ | t |
|          | 36       | V      | -            | <del>                                     </del> | $\vdash$   | $\vdash$ |          | <u> </u>     | $\vdash$     |          |      |        | 86       | $\vdash$ |         | _        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | <u> </u> | t |
|          | 37       | レ      |              | <del>                                     </del> |  |          |          |              |              |          |      |        | 87       | $\vdash$ |         |          |  | $\vdash$   | $\vdash$   | $\vdash$   | <u> </u> | r |
|          | 38       | N      | $\vdash$     | $\vdash$   |  | <u> </u> | <u> </u> |              |              | -        |      |        | 88       | $\vdash$ |         | -        | <del>                                     </del> | <del>                                     </del> | $\vdash$   |            | $\vdash$ | T |
|          | 39       | V      | Г            | <del>                                     </del> | 1  | Т        | Г        |              |              |          |      |        | 89       | $\vdash$ | _       | Т        | T  | <del>                                     </del> | Ι          |            |          | r |
|          |          |        |              |  |  | Г        |          |              | _            |          |      |        | 90       | $\Box$   |         |          | $\vdash$   |  |            | П          | $\vdash$ | r |
|          | 41       | 22     |              | <del>                                     </del> |  | Г        |          |              |              |          |      |        | 91       |          |         |          |  |  |            |            |          | r |
|          | 42       | N      |              | T  | Π  |          | П        | П            |              |          |      | $\neg$ | 92       | $\vdash$ |         |          | Г  |  | П          |            |          | Γ |
|          | 43       | 22     |              |  |  |          |          |              |              |          |      |        | 93       | $\Box$   |         |          | $\vdash$   |  |            |            |          | Γ |
|          | 44       | 7      |              |  |  |          |          |              | П            |          | Ì    |        | 94       | П        |         |          | Г  | П  |            |            |          | Γ |
|          | 45       | N      |              |  | Γ  | $\Box$   |          |              |              |          |      | -1     | 95       | $\Box$   |         |          |  |  |            | П          |          | Γ |
|          | 46       | 22     |              | П  |  |          |          |              |              |          |      |        | 96       | П        |         |          |  |  |            | П          |          | Γ |
|          | 47       | N      |              |  |  |          |          |              |              |          |      |        | 97       | $\Box$   |         |          |  |  |            | $\Box$     |          | Γ |
|          | 48       | N      |              |  |  |          |          |              |              |          | -    |        | 98       | $\Box$   |         |          |  |  |            |            |          | Γ |
|          | 49       | 22     |              |  |  |          |          |              |              |          | ı    |        | 99       |          |         |          |  |  |            |            |          | Γ |
|          | 50       | 7      |              |  |  |          |          |              |              |          | ı    |        | 100      |          |         |          |  |  |            |            |          | Γ |
|          |          |        |              |  |  |          |          |              |              |          |      |        |          |          |         | _        |  |  |            |            |          | _ |

| CI       | aim            | Г            |              |          |              | Dat      |                |  | _  | -              |
|----------|----------------|--------------|--------------|----------|--------------|----------|----------------|--|--|----------------|
| <b>⊢</b> |                | $\vdash$     | 1            | Т        | Τ-           | <u> </u> | Ť              | т  | τ_   | $\overline{}$  |
| Final    | Original       |              |              |          |              |          |                |  |  |                |
|          | 51             |              |              |          |              |          |                |  |  |                |
| L        | 52             | <u> </u>     | <u> </u>     | L        |              | L.       |                | L.   | <u> </u>   |                |
|          | 52<br>53       |              |              |          |              |          |                |  |  |                |
|          | 54             |              | Г            | Π        |              |          |                |  |  |                |
|          | 55             |              |              |          |              |          |                |  | П  |                |
|          | 56             |              | 1            |          | Τ            |          | 1              |  |  |                |
|          | 57             | T            |              |          |              | Т        |                |  |  |                |
|          | 58             | T            | Т            | T        | T            | T        | T              | Ì  | Т  | T              |
| -        | 59             | T            | T            | t        | T            | T        | T              | <u> </u>   | _  | -              |
|          | 60             |              | 1            | 1        |              |          | Ι              | <u> </u>   |  |                |
|          | 61             |              | <b>†</b> *** |          | $\vdash$     | 1        | T              |  |  | $\vdash$       |
|          | 62             | _            | $\vdash$     |          | T            |          | $\vdash$       | T  |  |                |
|          | 63             | <u> </u>     | $\vdash$     | ┢        | t            | 1        | t              | T  |  | $\vdash$       |
|          | 64             | t            | t            | H        | t            | t        | H              | t  | -  | $\vdash$       |
|          | 65             | T-           | ļ            | 1        | ┪            | T        | ┢              | <del>                                     </del> | 1  | $\vdash$       |
|          | 66             | ┢            | T            | ╁        | $\vdash$     | 1        | 1              | i  | H  | ┢              |
|          | 66<br>67       | H            |              | $\vdash$ |              |          | T              | Т  |  |                |
|          | 68             | T            |              | T        |              | ļ        |                | Ħ  | H  |                |
|          | 69             |              | T            | T        | T            | 1        | T              |  | <del>                                     </del> |                |
|          | 70             |              | Г            | ┰        | $\vdash$     | <u> </u> | T              |  | $\vdash$   | Г              |
|          | 71             |              |              |          | $\vdash$     | 1        | T              | 1  | <del>                                     </del> |                |
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|          | 74<br>75       |              |              |          |              |          |                |  |  |                |
|          | 75             | L            |              |          |              |          |                |  |  |                |
| L        | 76             | <u> </u>     | <u></u>      |          |              | L        | ┖              |  | <u> </u>   |                |
| <u> </u> | 77             | _            | _            |          |              | <u> </u> | <u> </u>       |  | <u> </u>   |                |
|          | 78             | _            | _            | _        |              | <u> </u> | <u> </u>       | L_   |  | L_             |
|          | 79             | ļ            | _            | _        | <u> </u>     | 느        | L              | _  |  | _              |
| <u> </u> | 80             |              |              | _        | _            | ↓_       | _              | _  |  |                |
| <u> </u> | 81             | ļ            |              | _        | <u> </u>     | L.       | _              | _  |  |                |
| <u> </u> | 82             | _            | L.           | ļ.,      | ļ            | ļ        | _              | _  | _  | _              |
| <u> </u> | 83             | <u> </u>     | ╙            | <u> </u> | Ļ.           | <u> </u> | <u> </u>       | <u> </u>   | _  |                |
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| ļ        | 85             | <del> </del> | <b>—</b>     | ├        | ├            | ⊢        | <del> </del> — | ├-   | ├  |                |
|          | 86<br>87       | $\vdash$     | ⊢-           |          | <del> </del> | $\vdash$ | -              | $\vdash$   | ├  | <del>  -</del> |
| -        | 88             | <u> </u>     | $\vdash$     | ├─       | ├-           | ├        | -              | -  | <del>  -</del>                                   | -              |
| <u> </u> | 89             |              | $\vdash$     | ⊢        | $\vdash$     | <u> </u> |                | <b>_</b>   | -  | <u> </u>       |
| -        | 90             | -            | -            | $\vdash$ | ├            | ├        | -              | ⊢  |  | —              |
| -        | 91             | <del> </del> | $\vdash$     | -        | $\vdash$     | -        | ┝              | $\vdash$   | -  | <del> </del>   |
| $\vdash$ | 92             |              | ┢            |          | $\vdash$     | ├-       | $\vdash$       | $\vdash$   | $\vdash$   | -              |
| -        | 93             | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$     | ╁╌       | <del> </del>   | $\vdash$   | $\vdash$   | $\vdash$       |
|          | 94             | $\vdash$     | -            | $\vdash$ | $\vdash$     | -        | $\vdash$       |  | $\vdash$   | <b>—</b>       |
|          | 95             | $\vdash$     |              | -        |              |          | $\vdash$       | Н  | Н  | -              |
| -        | 96             | $\vdash$     | $\vdash$     |          | -            | -        | $\vdash$       | $\vdash$   | $\vdash$   | $\vdash$       |
| <b> </b> | 97             | $\vdash$     | $\vdash$     |          | _            | $\vdash$ | $\vdash$       | $\vdash$   |  | _              |
|          | 98             | $\vdash$     | $\vdash$     | Н        | $\vdash$     |          | $\vdash$       | $\vdash$   |  | $\vdash$       |
|          | 99             |              |              |          |              |          |                |  |  |                |
|          | 100            |              |              |          |              |          |                | М  |  |                |

| Cli      | aim                      | Γ            | Date     |          |  |          |            |              |              |           |  |
|----------|--------------------------|--------------|----------|----------|--|----------|------------|--------------|--------------|-----------|--|
|          |                          |              |          |          | Γ.   | <u> </u> | Ť          |              | Ι            | П         |  |
| Final    | Original                 |              |          |          |  |          |            |              |              |           |  |
|          | 101                      |              |          |          |  |          |            |              | Г            |           |  |
|          | 102<br>103               |              |          |          |  |          |            |              |              |           |  |
|          | 103                      |              |          |          |  |          |            | L            |              |           |  |
|          | 104                      |              |          | _        |  |          |            |              |              |           |  |
|          | 105<br>106               | L_           | _        | _        | <u> </u>   | L_       | _          | _            | L            | Щ         |  |
|          | 106                      | _            | _        | <u> </u> | ㄴ  |          | L          |              | <u> </u>     | Щ         |  |
|          | 107                      | <u> </u>     |          | <u> </u> | _  | <u> </u> | <u> </u>   | ļ            | <u> </u>     | Ш         |  |
| <u> </u> | 108<br>109               | ļ            | ļ        | <u> </u> | _  | ļ        |            | <b> </b>     | <u> </u>     | Н         |  |
|          | 110                      | _            |          | -        | -  | -        |            | -            |              | -         |  |
|          | 111                      | <del> </del> | ├        | -        | $\vdash$   | ├        |            | ⊢            | ├            | $\vdash$  |  |
|          | 112                      |              | ├        | ⊢        | ├  |          | $\vdash$   | $\vdash$     |              |           |  |
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|          | 115                      | _            | -        | $\vdash$ | $\vdash$   | $\vdash$ | $\vdash$   | H            | $\vdash$     | $\vdash$  |  |
|          | 116                      | -            |          |          | Ι  |          | _          | H            |              |           |  |
|          | 116<br>117               |              |          | _        |  | _        |            | 1            | Г            |           |  |
| -        | 118                      | _            |          |          |  | Τ        | Г          | _            |              |           |  |
|          | 119                      |              |          |          |  |          |            |              |              | П         |  |
|          | 120                      |              |          |          |  |          |            |              |              |           |  |
|          | 121                      |              |          | <u> </u> |  | Ĺ        | Ĺ          |              |              |           |  |
|          | 122<br>123               |              |          |          |  |          |            |              |              |           |  |
|          | 123                      |              | <u> </u> |          |  | _        |            | <u> </u>     | <u>_</u>     | Ш         |  |
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|          | 125                      |              | _        | _        |  | _        | <u> </u>   |              | ļ            | Ш         |  |
|          | 126                      |              | L        |          | <u> </u>   | ├-       | <u> </u> _ |              | <u> </u>     | Н         |  |
|          | 127<br>128               | -            | -        | -        | ļ  | -        | ⊢          |              | ⊢            | Н         |  |
|          | 129                      |              | -        |          | ├  | ├        |            | _            |              | Н         |  |
|          | 130                      |              |          | $\vdash$ | $\vdash$   | ⊢        | -          | $\vdash$     |              | Н         |  |
| -        | 131                      |              | _        | -        | $\vdash$   | $\vdash$ | $\vdash$   | -            | -            | Н         |  |
|          | 132                      |              | _        | $\vdash$ | $\vdash$   | H        | ┢          | -            |              | Н         |  |
|          | 133                      |              |          |          | $\vdash$   |          |            | $\vdash$     | -            |           |  |
|          | 133<br>134               | -            |          | $\vdash$ | <del>                                     </del> |          |            | -            | -            | Н         |  |
|          | 135                      |              |          |          | $\vdash$   |          |            | <u>├</u>     |              | Н         |  |
|          | 136                      |              |          |          |  |          |            |              |              | П         |  |
|          | 137                      |              |          |          |  |          |            |              |              |           |  |
|          | 138                      |              |          |          |  |          |            |              |              |           |  |
|          | 139                      |              |          |          |  |          |            |              | L            | $\square$ |  |
|          | 140                      |              |          |          | ᆫ  |          |            |              |              | Ш         |  |
|          | 141                      |              |          |          |  |          |            |              | _            |           |  |
|          | 142                      |              |          | Щ        | <u> </u>   | L_       | Ш          | _            | Ш            | Щ         |  |
|          | 143                      |              | L.,      | Щ        | <u> </u>   | L-,      | _          | <u> </u>     | L            | Щ         |  |
|          | 144                      |              | Ш        |          | $\vdash$   | Ш        |            | $\vdash$     | <u> </u>     | Щ         |  |
|          | 145<br>146               | -            |          | Ш        | -  | Н        | _          | <u> </u>     | H            | Н         |  |
|          | 146                      | _            |          | $\vdash$ |  | $\vdash$ |            | _            |              | Н         |  |
|          | 148                      | -            | $\vdash$ | $\vdash$ |  | Н        |            |              |              | $\dashv$  |  |
| $\dashv$ | 149                      |              | $\dashv$ | $\dashv$ | $\vdash$   | Н        |            | $\vdash$     | <u> </u>     | H         |  |
|          | 150                      |              |          | $\dashv$ | $\vdash$   | $\vdash$ | $\dashv$   | $\vdash$     | H            | $\dashv$  |  |
|          | -,00 ]                   |              |          |          |  |          | لــــا     |              |              | ш         |  |